

# Coal Mining and Reclamation Permit Incidental Boundary Revision (IBR)

Issued To: AMERICAN ENERGY CORP

43521 Mayhugh Hill Rd.

Beallsville, OH 43716

Telephone: (740) 926-9152

Permit Number: D-1159

**Application Number: IBR-1159-3** 

Acreage: 4.30

**Effective:** 03/04/2002 **Expires:** 01/25/2003

Type of Operation: Surface

Reason: Spoil Storage

### **LOCATION OF PERMIT AREA**

NAME OF LANDOWNERS	T	R	SECTION	LOTS	TOWNSHIP	COUNTY
American Energy Corporation	6	5	3		WAYNE	BELMONT

The issuance of this IBR means only that the application to conduct a coal mining operation meets the requirements of Chapter 1513 of the Revised Code, and as such DOES NOT RELIEVE the operator of any obligation to meet other federal, state or local requirements.

This IBR is issued in accordance with and subject to the provisions, conditions, and limitations of Chapter 1513 of the Revised Code and Chapters 1501:13-1, 1501:13-3 through 1501:13-14 of the Administrative Code.

The approved water monitoring plan for this IBR is:

Quality: N/A Quantity: N/A

Note: Any previous condition(s) imposed on this permit, or subsequent adjacent areas, also apply to

this IBR unless noted otherwise.

Signature:

Chief, Mineral Resources Management

Date: 03/04/2002

F101 Rev: 07/01/2001

### Ohio Department of Natural Resources Division of Mines & Reclamation

Application for an Incidental Boundary Revision (This form cannot be utilized for the removal of coal)

		Application for an Incidental Boundary Revision
Appl	lication Information	
1.	Permittee's Name:	AMERICAN ENERGY CORPORATION
2.	Address: City, State, Zip: Telephone:	43521 MAYHUGH HILL ROAD BEALLSVILLE, OHIO 43716 (740) 926-9152
3.	Coal Mining Permi	t Number:
4.	Additional acres to	be permitted:4.3
5.	Has this acreage be	en affected under this permit?
	○ Yes ● No	
	Has this acreage pro	eviously been affected?
	● Yes ○ No	(AFFECTED BY PRE-LAW MINING OPERATION)
6.	Describe the reason	this additional acreage is required.
	ADDITIONAL AR	EA IS NEEDED TO FACILITATE THE MINING OPERATION.
7.	Describe the activiti	ies to be conducted on this area.
	SPOIL STORAGE.	SEE ATTACHED ADDENDA.
8.	Is the information c	ontained in the previously approved permit application applicable to this revised area?
	●Yes O No	
	If no, describe any o	changes to the previously approved permit application that will apply to this revised area.
	ronic Mining Permit Applic DNR-DMR	eation Page 1 of 3
<u> </u>		

IBR-1157-3

Application	Informatio	n
PP		

Location of Additional Acres to be Affected During Permit Period.
(List all surface and mineral owners and all locations applicable to each ownership as shown on the location map. If owner name is repeated, show address only once. If permittee is owner, address is not necessary.)

Name	Address City, State, Z	ip		County/ Township
AMERICAN ENERGY CORP.	43521 MAYHUGH H TOWNSHIP HW BEALLSVILLE, OH	Y. 88,	V	VAYNE
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner
3	6/5	2,414,35	0 / 695,400	
Name	Address City, State, Z	ip		County/ Township
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner
Name	Address City, State, Z	ip		County/ Township
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner

Electronic Mining Permit Application Ohio DNR-DMR

Page 2 of 3

<del></del>	Address City, State, Zi	p	County/ Township
Section/ Lot	T-/ R-	State Plane X/ State Plane Y	Surface Owner/ Mineral Owner
Name	Address City, State, Zi	р	County/ Township
		-	
Section/ Lot	T-/ R-	State Plane X/ State Plane Y	Surface Owner/ Mineral Owner
Printed Name: Robert D. Me Signature: President	pore		
Date Signed: //-	30-01		
This application is herebyand effective this date. The acreage		c Chief, Division of Mineral application is now part of pe	
Date: 3-4-02 Signed:	Chief, Division of Mineral	Resources Management	٦

## ADDENDUM TO I.B.R. ITEM 7, PERMIT D-1159, AMERICAN ENERGY CORPORATION

RUNOFF FROM THIS 4.3 ACRE I.B.R. WILL BE CONTROLLED BY POND 008

SYSTEM ON D-0425. DD-E1 AND DD-E2 ON THE D-0425 12.0 ACRE I.B.R.

WILL BE ELIMINATED WHEN THE D-1159 A.R.P. TO ADD PONDS 018 AND

018A TO THE DRAINAGE CONTROL SYSTEM IS APPROVED. THIS WILL REDUCE

THE AFFECTED AREA TO POND 008 SYSTEM BY 6.3 ACRES. INSURING THAT

POND 008 WILL BE ABLE TO CONTROL THIS ADDITIONAL AREA, PERMIT

D-0425 AND D-1159 WILL BOTH BE PERMITTED BY THE SAME OPERATOR IN

THE NEAR FUTURE WHEN THE TRANSFERS ARE APPROVED.

# OHIO DEPARTMENT OF NATURAL RESOURCES DIVISION OF RECLAMATION

# ATTACHMENT 16 (NEGATIVE DETERMINATION OF PRIME FARMLAND)

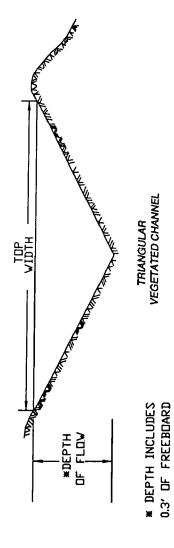
Applicant'	s Name <u>AMERICAN ENERGY CORP.</u>
permit app permit are farmland.	attachment is to be completed and submitted with the lication if the applicant is demonstrating that the a or a portion of the permit area is not prime Check ( $\checkmark$ ) the appropriate item numbers and attach the used to make the demonstration.
1.	Lands within the proposed permit area have not been historically used for cropland.
2.	The slope of the land within the proposed area is greater than eight percent.
<u>√</u> 3.	On the basis of a second order soil survey meeting the standards of the National Cooperative Soil Survey, there are no soil map units within the proposed permit area that have been designated prime farmland by the U.S. Soil Conservation Service.
	SEE ATTACHED ADDENDA
4.	On the basis of a first order soil survey commissioned by the applicant and meeting the standard of the National Cooperative Soil Survey, there were found to be no prime farmland map units as designated by the S.C.S. within the proposed permit area (See Attachment 15, item 2 for 1st order survey criteria).

•	ADDENDUM TO ATTACHMENT 16	
U.S. Department of Agriculture Natural Resources Conservation S	American Energy Corp. Service	OH-CPA-65 Rev. 9/94
Cer	tification of Prime/Nonprime Farmland	
Name of Mine Operator Am	erican Energy Corporation	
Location of Permit Application A	rea Section 3, T-6 R-5, Wayne Townsh	nip, Belmont County
Size of Permit Area (Acres)	4.3	
Check Appropriate Block:		
1.	I have determined that this permit applic contain prime farmland in accordance wi the current county Prime Farmland Map the county Field Office Technical Guide.	th the edition of Unit List found in
2.	I have found that this permit application prime farmland in accordance with the ed Prime Farmland Map Units for Ohio and county Prime Farmland Map Unit List, we more current.	lition of the or the current
A soil map has been attach	ned and prime units are as follows:	
Soil Map Symbol	Map Unit Name	
Signature James W  Jim Forshey, Natural Resource 1119 East Main St., Barnesville,	s Conservation Service	12-20-01



SCALE: 1" = 1320'

STC		STORM DESIGN	DESIGN	SLOPE	SIDE	DEPTH*  SIDE OF FLOW TOP  CFS SLOPE SLOPES (MAXIMUM) VIDTH	TOP VIDTH	VELDCITY FT/SEC CHANNEL RDCK CMAXIMUM) LINING SIZE	CHANNEL	D MAX ROCK SIZE
10YR	ČC.	10YR/24HR	3.1	10%	2:1	1.3	5.2	3.6	GRASS	NA
10YR/	Ά.	10YR/24HR	18.9	1.5%	2:1	2.7	10.8'	3.4	GRASS	ΝA



RANGE: 5 DIVERSION DITCH DESIGN COMPUTATION SHEET AMERICAN ENERGY CORP. PERMIT D-1159 I.B.R. COUNTY: BELMONT ADDENDUM TO PART 3, PAGE 30, ITEM H(4) TOWNSHIP: 6 TOWNSHIP: WAYNE SECTION: 3

11-62-11

COMPUTER PROGRAM USED: SEDCAD 4.0 CURVE NUMBER: 85

NOTES Э RAINFALL 10YR/24HR: 3,7

Jack A. Hamilton & Associates, Inc. Consulting Engineers & Surveyors Box 471, 342 High Street 43977 (740) 968-4947 Flushing, Ohio

E-MAIL: hamilton@1st.net

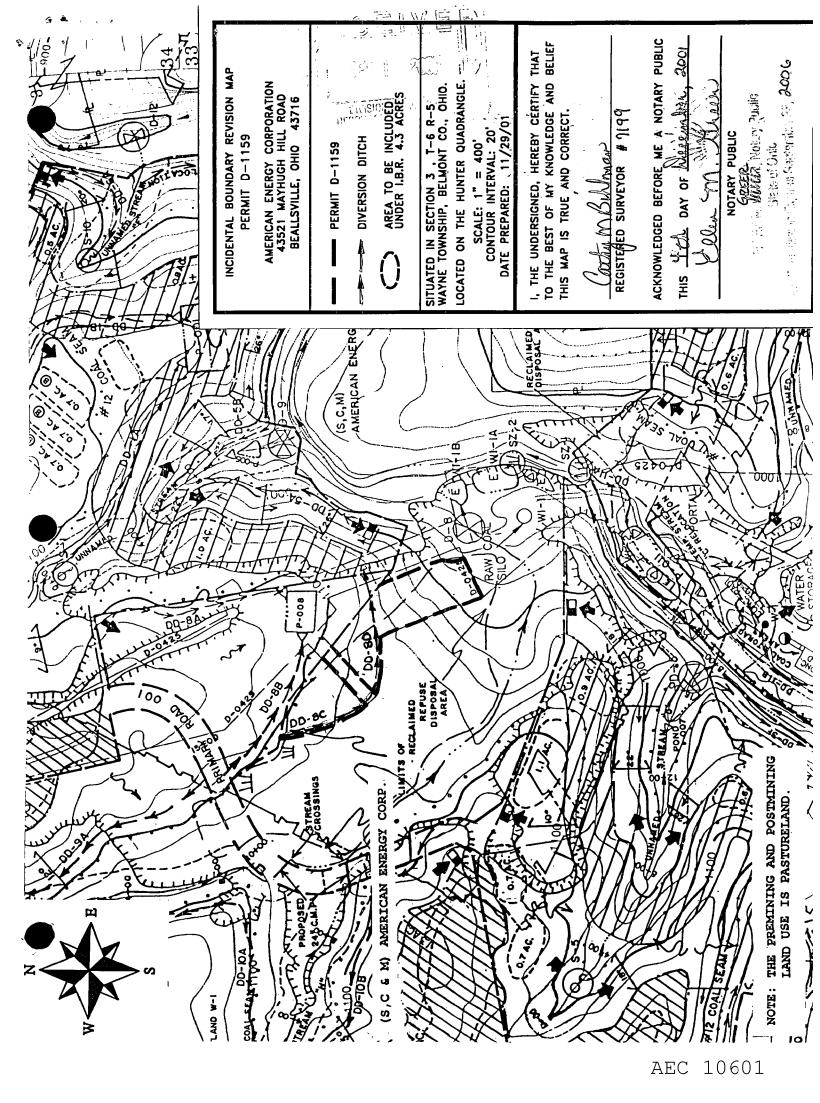
C VEGETATED DIVERSIONS WILL BE STABILIZED WITH RIPRAP AT ANY TRANSITION ZONE WHERE THE VELOCITY EXCEEDS THE LIMITING VELOCITY.

INSPECTED, CLEANED & MAINTAINED AS NEEDED. DIVERSION DITCHES VILL BE PERIODICALLY

10600 **AEC** 

ලි

ტ





### Ohio Department of Natural Resources

BOB TAFT, GOVERNOR

SAMUEL W. SPECK, DIRECTOR

### **Division of Mineral Resources Management**

Michael L. Sponsler • Chief 1855 Fountain Square Court-Bldg. H-2 Columbus, Ohio 43224-1383 Phone (614) 265-6633 Fax: (614) 265-7999

February 5, 2002

American Energy Corporation 43521 Mayhugh Hill Road Twp. R Beallsville OH 43716

RE: Historic and Prehistoric Properties Clearance

Permit # D-1159 IBR: 4.3 acre

Dear Applicant:

Your proposed permit area has been given a historic and prehistoric properties clearance by the Division of Mineral Resources Management. This clearance is based on the following reasons: The proposed 4.3 acre Incidental Boundary Revision (IBR) is archaeologically not sensitive due to 100% affectment from previous mining.

Therefore no further coordination on historic and prehistoric properties with the Division will be necessary for this project unless the project size increases or additional information is received by the Division on the presence of historic or prehistoric properties in the project area.

If you have any questions regarding this matter, please contact me at 614-265-6641.

offred C. Reichwein, Ph.I

Archaeologist

Division of Mineral Resources

Management

JCR:pat

C: Ohio Historic Preservation Office

Consultant: Jack A. Hamilton and Associates, Inc.

File

# Ohio Department of Natural Resources

BOB TAFT, GOVERNOR

SAMUEL W. SPECK, DIRECTOR

## Ohio Department of Mineral Resources Management

Michael L. Sponsler, Chief 1855 Fountain Square Court-Bldg. H-3 Columbus, Ohio 43224-1383 Phone: (614) 265-6633 Fax: (614) 265-7999

Date: 01/14/2002

To:

Appropriate Governmental Agencies

From: Scott Stiteler, Application Manager

Re:

Incidental Boundary Revision (IBR) Application:

Permit Number: D-1159

Application Number: IBR-1159-3 IBR Application Acreage: 4.3 Proposed Activity: Spoil Storage

Applicant: AMERICAN ENERGY CORP

43521 MAYHUGH HILL RD BEALLSVILLE, OH 43716

In an effort to insure notification of all interested governmental agencies of the receipt of IBR applications, we are providing you with this courtesy notification. Your comments and/or concerns about this application are welcome and should be directed to the Division of Mineral Resources Management at the number listed below. Chapter 1513 of the Ohio Revised Code does not require public notice or filing of IBR's, however, should you wish to review or comment on the application you may do so by contacting the Division of Mineral Resources Management, Permitting Hydrology Section. Comments should be forwarded within thirty (30) days of receipt of this letter in order to be considered in our decision-making process. Should you have questions regarding this application, please contact me at (614) 265-6633.

### IBR LOCATION INFORMATION:

COUNTY	TOWNSHIP	SECTION	LOTS	<del></del>			
BELMONT	WAYNE	3	2013	(	R	Quad	
				6	5	HUNTER	$\overline{}$

Note: IBR's cannot be submitted for the purpose of coal removal.

District Office: CAMBRIDGE

F95 Rev: 07/01/2001

### Distribution List:

Office of Surface Mining Eastland Professional Plaza 4480 Refugee Road, Suite 201 Columbus, OH 43232

Ohio Historical Preservation Office 567 East Hudson Street Columbus, OH 43211-1030

Mark Mann Ohio EPA, Division of Surface Water Lazarus Government Center P.O. Box 1049 Columbus, OH 43216-1049

Ric Queen Ohio EPA, Division of Surface Water Lazarus Government Center P.O. Box 1049 Columbus, OH 43216-1049

Scott Sutliff
Ohio EPA, Division of Drinking & Groundwater
Lazarus Government Center
P.O. Box 1049
Columbus, OH 43216-1049

Butch Grieszmer Division of Natural Areas & Preserves 1889 Fountain Square Ct., Bldg. F-1 Columbus, OH 43224-1388

Jack A. Hamilton & Associates, Inc. P.O. Box 471 342 High Street Flushing, OH 43977

Al Rogalla, Chief, Regulatory Branch U.S. Army Corps of Engineers, Pittsburgh District William S. Moorhead Federal Bldg. 1000 Liberty Avenue Pittsburgh, PA 15222-4186

Michael D. Gheen, Chief, Regulatory Branch U.S. Army Corps of Engineers, Huntington District 502 Eighth Street Huntington, WV 25701-2070

Bruce Goff Ohio EPA, Southeast District Office 2195 Front Street Logan, OH 43138

Belmont County Commissioners Courthouse Main Street St. Clairsville, OH 43950

F95 Rev: 07/01/2001

Belmont County Planning Commission Courthouse Main Street St. Clairsville, OH 43950

Wayne Township Trustees c/o Betty Lucas, Clerk 55709 County Hwy. 92 Beallsville, OH 43716

# JACK A. HAMILTON & ASSOCIATES, INC. Consulting Engineers & Surveyors Box 471 342 High Street FLUSHING, OHIO 43977

	LETTER	<b>OF</b>	TRANSMIT	TAL
--	--------	-----------	----------	-----

	r Logrand, or no	DATE JOB NO. / 16
١	(740) 968-49 FAX (740) 968-	
י אטעי		JERAL RESOURCES MGT. AMERICAN ENERGY CORP.
_	• -	
185	5 FOUNTAIN S	WOARE C. DUTH-3
Col	umbus, OHIO	43254
	Λ	
/E ARE SE	ENDING YOU Attach	ed Under separate cover via <u>U.S. MAIL</u> the following items:
	☐ Shop drawings	□ Prints □ Plans □ Samples □ Specifications □ Change order □ SFE BELOW
	☐ Copy of letter	□ Change order □ SEE DELOW
COPIES	DATE NO.	DESCRIPTION
	4	SET I.B.R. (ONE SET CONTAINS ORIGINAL SIGN.)
HESE ARE	E TRANSMITTED as checked	d below:  ☐ Approved as submitted ☐ Resubmit copies for approval
	☐ For approval  ☐ For your use	☐ Approved as noted ☐ Submit copies for distribution
	☐ As requested	☐ Returned for corrections ☐ Return corrected prints
	☐ For review and comme	
	☐ FOR BIDS DUE	□ PRINTS RETURNED AFTER LOAN TO US
REMARKS		Mailed to ODNR
EMARKS.		Totalied to solve
EMARKS.		Thesday, December 4th, 2001
EMARKS		Thesday, Occember 4th, 2001
EMARKS		Thesday, December 4th, 2001
REMARKS		Thesday, December 4th, 2001
REMARKS		Thesday, Occember 4th, 2001
REMARKS		Thesday, December 4th, 2001
REMARKS		Thesday, December 4th, 2001
	FILE + RYA	Thesday, December 4th, 2001

### Ohio Department of Natural Resources Division of Mines & Reclamation

Application for an Incidental Boundary Revision (This form cannot be utilized for the removal of coal)

		Application for an Incidental Boundary Revision
Appl	ication Information	
1.	Permittee's Name:	AMERICAN ENERGY CORPORATION
2.	Address: City, State, Zip: Telephone:	43521 MAYHUGH HILL ROAD BEALLSVILLE, OHIO 43716 (740) 926-9152
3.	Coal Mining Permit	Number: <u>D-1159</u>
4.	Additional acres to	be permitted: 4.3
5.	Has this acreage bee	en affected under this permit?
	○ Yes ● No	
	Has this acreage pre	eviously been affected?
١	Yes No	(AFFECTED BY PRE-LAW MINING OPERATION)
6.	Describe the reason	this additional acreage is required.
	ADDITIONAL ARI	EA IS NEEDED TO FACILITATE THE MINING OPERATION.
7.	Describe the activitie	es to be conducted on this area.
	SPOIL STORAGE.	SEE ATTACHED ADDENDA.
8.	Is the information co	ontained in the previously approved permit application applicable to this revised area?
	●Yes O No	
	If no, describe any c	hanges to the previously approved permit application that will apply to this revised area.
	onic Mining Permit Applic DNR-DMR	ation Page 1 of 3

Auulication Information		
Application Information	 	

Location of Additional Acres to be Affected During Permit Period.

(List all surface and mineral owners and all locations applicable to each ownership as shown on the location map. If owner name is repeated, show address only once. If permittee is owner, address is not necessary.)

map. If owner name is repeated, sho	w address only once. If per	mittee is owne	r, address is no	t necessary.)
Name	Address City, State, Zi	P		County/ Township
AMERICAN ENERGY CORP.	43521 MAYHUGH HII TOWNSHIP HWY BEALLSVILLE, OH	7. 88,	W	/AYNE
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner
3	6/5	2,414,350	0 / 695,400	
Name	Address City, State, Zi	3		County/ Township
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner
Name	Address City, State, Zip			County/ Township
Section/ Lot	T-/ R-		Plane X/ Plane Y	Surface Owner/ Mineral Owner

**Electronic Mining Permit Application Ohio DNR-DMR** 

Page 2 of 3

Name		Address City, State, Zip	)	County/ Township
Section/ Lot		T-/ R-	State Plane X/ State Plane Y	Surface Owner/ Mineral Owner
Name		Address City, State, Zip	)	County/ Township
Section/ Lot		T-/ R-	State Plane X/ State Plane Y	Surface Owner/ Mineral Owner
	***			
<del>-</del>	authorized represent		itee, hereby attest tha	t no coal has been or will
Printed Name:  Signature:  Title:	Robert D. Moore President	this application.		t no coal has been or will
Printed Name:  Signature:  Title:	Robert D. Moore President  11-30-0	this application.		t no coal has been or will
Printed Name:  Signature:  Title:  Date Signed:  This application is he	Robert D. Moore  President  11-30-0  FC	/ OR DIVISION USE	E ONLY  Chief, Division of Mine	eral Resources Managements for permit
Printed Name:  Signature:  Title:  Date Signed:  This application is he and effective this dat	Robert D. Moore  President  11-30-0  FO  ereby  ie. The acreage identifie  Signed:	PR DIVISION USE by the ed in Item 4 of this a	E ONLY  Chief, Division of Mine pplication is now part o	eral Resources Managemen of permit Permit Number
Printed Name:  Signature: Title:  Date Signed:  This application is he and effective this dat	Robert D. Moore  President  11-30-0  FO  ereby  E. The acreage identifie  Chief, D	Pivision of Mineral	CONLY Chief, Division of Mine pplication is now part of Resources Managem	eral Resources Managemen of permit Permit Number

# ADDENDUM TO I.B.R. ITEM 7, PERMIT D-1159, AMERICAN ENERGY CORPORATION

RUNOFF FROM THIS 4.3 ACRE I.B.R. WILL BE CONTROLLED BY POND 008

SYSTEM ON D-0425. DD-E1 AND DD-E2 ON THE D-0425 12.0 ACRE I.B.R.

WILL BE ELIMINATED WHEN THE D-1159 A.R.P. TO ADD PONDS 018 AND

018A TO THE DRAINAGE CONTROL SYSTEM IS APPROVED. THIS WILL REDUCE

THE AFFECTED AREA TO POND 008 SYSTEM BY 6.3 ACRES. INSURING THAT

POND 008 WILL BE ABLE TO CONTROL THIS ADDITIONAL AREA, PERMIT

D-0425 AND D-1159 WILL BOTH BE PERMITTED BY THE SAME OPERATOR IN

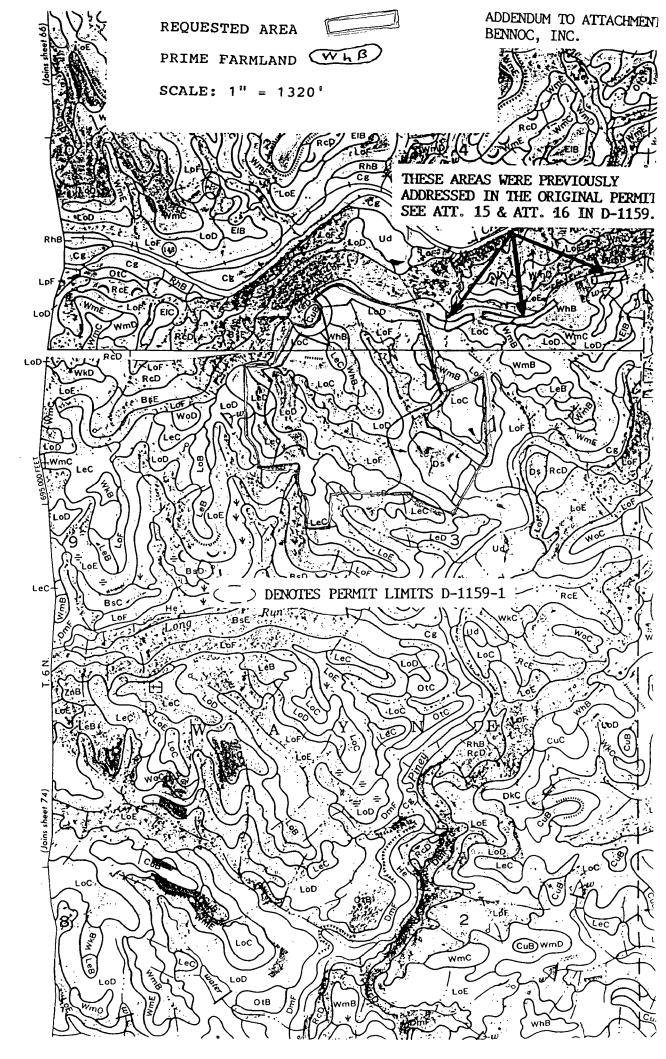
THE NEAR FUTURE WHEN THE TRANSFERS ARE APPROVED.

U.S. Department of Agricultus Natural Resources Conservation	
_	Certifica

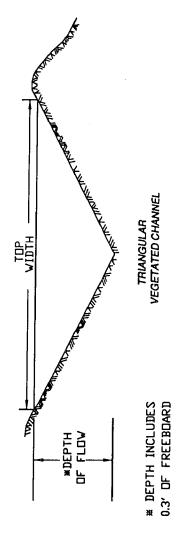
OH-CPA-65

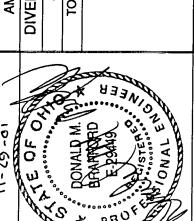
-	Certification of Prime/Nonprime Farmland	Rev. 9/
ame of Mine Operator	Bennoc Inc.	
CD	ication Area Sections 3+4, T-6 R-5 Wayne Twp	
ze of Permit Area (Acr	es) <i>1                                </i>	
neck Appropriate Blo	ck:	
1.	I have determined that this permit application DOES NOT contain prime farmland in accordance with the edition of the current county Prime Farmland Map Unit List found in the county Field Office Technical Guide.	·
2.	I have found that this permit application CONTAINS prime farmland in accordance with the edition of the Prime Farmland Map Units for Ohio and/or the current county Prime Farmland Map Unit List, whichever is more current.	
A soil map has been a  Soil Map Symbol	ttached and prime units are as follows:  Map Unit Name	
WhB	Wellston silt loam, 3 to 8 % slop West more silt loam, 3 to 8 % slop	14e5
W K B	West more silt loam, 3 to 8% slop	? ° 5

AEC 10610



STORM DESIGN	DESIGN	SLOPE	SIDE SLOPES	ESIGN SIDE OF FLOW TOP CFS SLOPE SLOPES (MAXIMUM) VIDTH	тор ТОТН	VELDCITY FT/SEC CHANNEL RDCK CMAXIMUM) LINING SIZE	CHANNEL	D MAX ROCK SIZE
10YR/24HR	3.1	10%	2:1	1.3'	5.2	3.6	GRASS	N/A
 10YR/24HR	18.9	1.5%	2:1	2.7	10.8	3.4	GRASS	N/A





DIVERSION DITCH DESIGN COMPUTATION SHEET AMERICAN ENERGY CORP. PERMIT D-1159 I.B.R. ADDENDUM TO PART 3, PAGE 30, ITEM H(4) TOWNSHIP: 6 TOWNSHIP: WAYNE SECTION: 3 11-29-01

RANGE: 5

VEGETATED DIVERSIONS WILL BE STABILIZED WITH RIPRAP AT ANY TRANSITION ZONE WHERE THE VELOCITY EXCEEDS THE LIMITING VELOCITY. CURVE NUMBER: 85 RAINFALL 10YR/24HR: 3.7° 9

COMPUTER PROGRAM USED, SEDCAD 4,0

NOTES Э

INSPECTED, CLEANED & MAINTAINED AS NEEDED. DIVERSION DITCHES WILL BE PERIODICALLY ලි

COUNTY: BELMONT Consulting Engineers & Surveyors Jack A. Hamilton & Associates, Inc. Box 471, 342 High Street E-MAIL: hamilton@1st.net 43977 (740) 968-4947 Flushing, Ohio

